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Transient thermocapillary flow in a thin viscous liquid layer. I. Small Reynolds number case. (Russian. English summary) [Zbl 0534.76044](#)

Teor. Prilozhna Mekh. 1983, No. 4, 64-73 (1983).

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transient thermocapillary flow; thin viscous liquid layer; small Reynolds number; surface-tension; non-steady and nonuniform heating of cooling of free surface; axisymmetric; small and large time values; temperature patterns; layer thickness; gravitational force